

ADFG FILE COPY

Date: 8 Aug. '82Camp: Twelve mile armUnit: 6Stream Catalogue #: 102-60-072Road: Reconstruction to pre-commercial thinning unitsQuad Map: Craig B-3T 75s R 84E Sect 30

Chick Map: _____

T _____ R _____ Sect _____

SPECIES PRESENT

coho salmonDolly Varden char

STAGE OF DEVELOPMENT

fryfry

TYPE OF FISH HABITAT

Salmon Rearing	Excellent	Good	Fair	Sq. Yds. _____
Salmon Spawning	Excellent	Good	Fair	Sq. Yds. _____
Resident Rearing	Excellent	Good	Fair	Sq. Yds. _____
Resident Spawning	Excellent	Good	Fair	Sq. Yds. _____

Is future fish habitat enhancement possible?

YES _____

NO _____

If so Describe:

X maybe

streams should be assessed
to see if cleanup measures would be
beneficial.

Fish Present Above Road Crossing:

YES

NO

Below Road Crossing:

Within Unit Boundary:

Below Unit Boundary:

Fish stream(s) intersection(s) marked with Metal Tags: Road ✓ Unit _____

Fish stream(s) Flagged:

BLUE/WHITE ✓

ORANGE/WHITE _____

Fish streams Traversed:

YES _____

NO _____

Traverse notes Attached:

YES _____

NO ✓

Is Additional Parameter Information Necessary?

YES _____

NO _____

If so Describe:

STREAM TEMP.:

Methods used to determine presence of fish:

Stream #	Date	#Fish	Species	Length	Gear	Time
# 1 (st. 38+13)	8-6-82	many coho seen one 3" Dolly shocked			Electroshocker	
# 2 (st. 45+80)	"	Twelvemile Creek - exc. spawning/rearing for all species				
# 3 (st. 49+25)	"	2 - 2" cohos shocked				

Pertinent Wildlife Information: Saw a marten at stream #3

Comments: The above are the only streams along the road that will require Fish passage. Streams #1 and #3 were Flagged and tagged. Twelvemile Creek was not.

Fish passage not required for any streams on the two "elder spurs" which join the main road.

Survey Crew Members:
Tom Kogut

Signature
Tom Kogut

Date
8-9-82

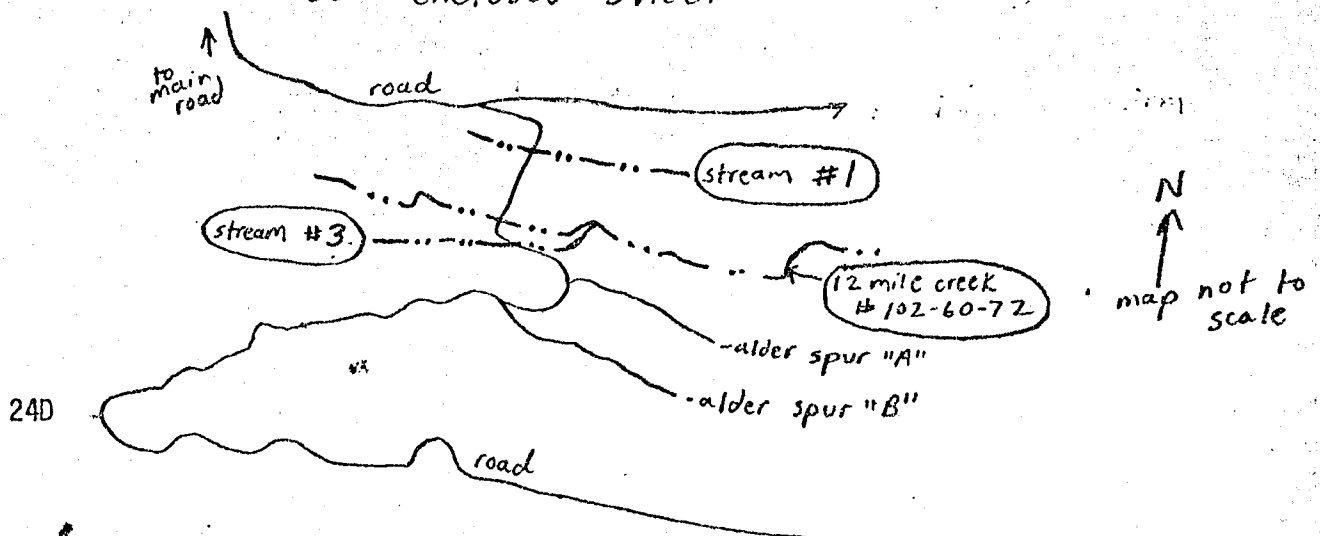
Report Reviewed By:

Tom Kogut
Signature

Wildlife Biol.
Title

8-9-82
Date

Recommendations: See enclosed sheet



Salmon Spawning and Rearing Streams
(Blue/White Ribbon)

ROAD # to precommercial thinning
units

12 mile cr.
STREAM(S) # 1, 2 + 3

The following fish stream protection prescriptions and recommendations apply:

ROAD CONSTRUCTION

- X 1. Only 1 equipment crossing at each crossing site.
- X 2. Absolutely no barrow pits in stream course.
- X 3. Fish passage required during and after road building activities.
- X 4. Culvert installation concurrent with rocking.
- X 5. Time road construction to minimize adverse impact to salmonid redds and preemergent fry. (Optimum time: approximately April 15 to August 15).
- X 6. Diversions and channelization of stream courses must be approved by the Forest Supervisor.
- X 7. C.M.P. and/or wooden puncheon culverts required for fish stream crossings. Three log culverts are not authorized.
- X 8. End haul when necessary to prevent sidecast from entering stream course.
- _____ 9. If road is "put to bed", the previous integrity of the stream course in terms of gradient and stream bed must be restored.
- _____ 10. Water bars are necessary on long inclines and to be identified by local engineers.
- _____ 11. Recommendations for timber harvest also apply in terms of right of way timber. (See timber harvest - salmon spawning and rearing streams).
- X 12. Blasting is not recommended for bridge or culvert removal along accessible roads.
- X 13. Oil and fuel storage should avoid close proximity to any stream course.
- _____ 14. "In Stream" habitat protection assessment is recommended on stream courses above and below road crossing on any major salmon spawning stream to provide engineering with input to determine type of fish passage required.

Additional Comments:

- 15. Bridge abutments on 12 mile creek should not encroach upon the high water mark
- 2v(4)- 16. Only one equipment crossing allowed on 12 mile creek